

safety guard with
surgeon's trocar, drain, sheath

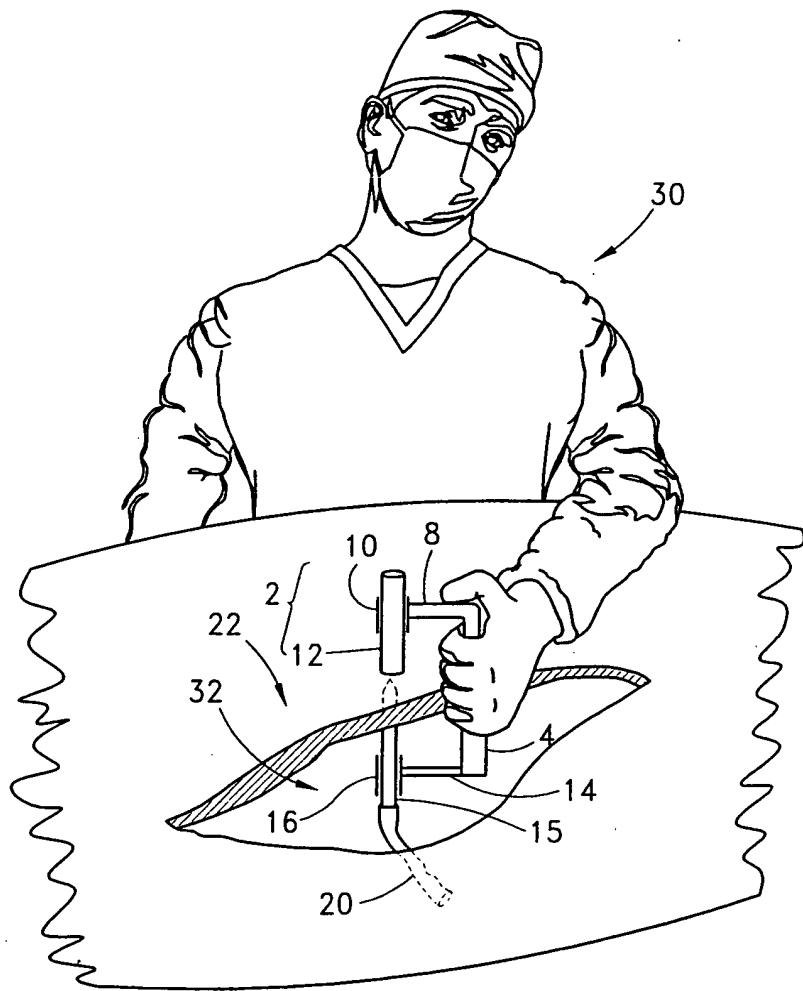


Fig. 2

surgeon placing stocar through a patient's skin using
safety switch

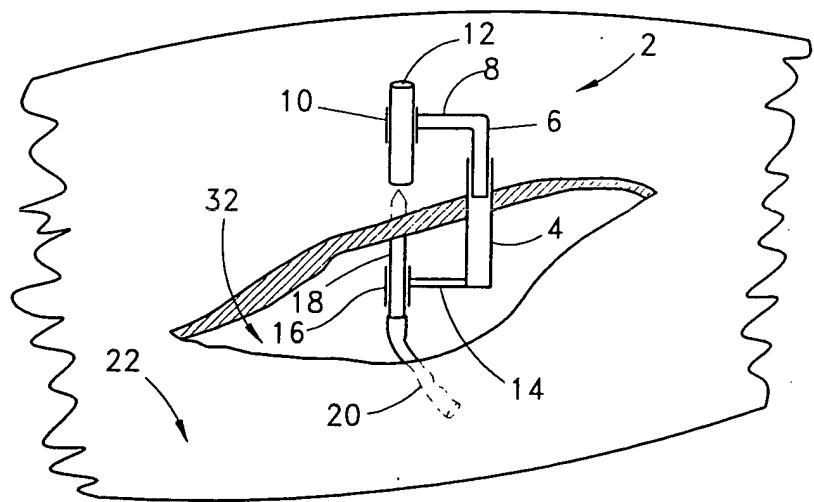


Fig. 3
oblique elevation view safety guide prep
for penetration of surg. trocar through skin

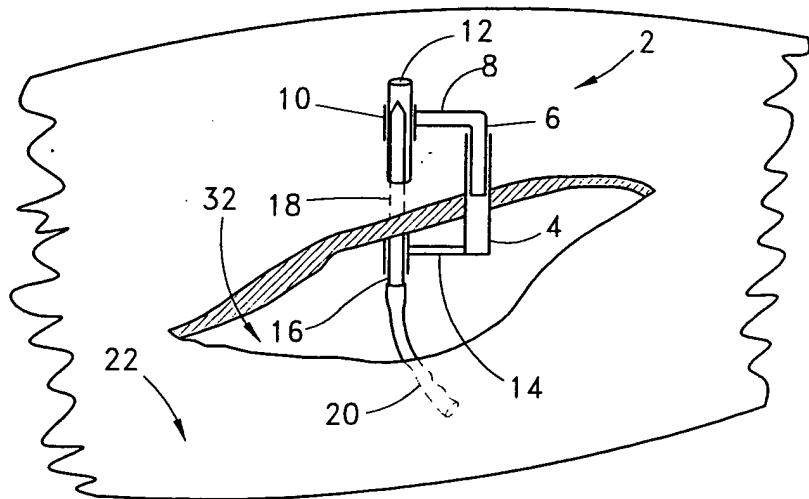
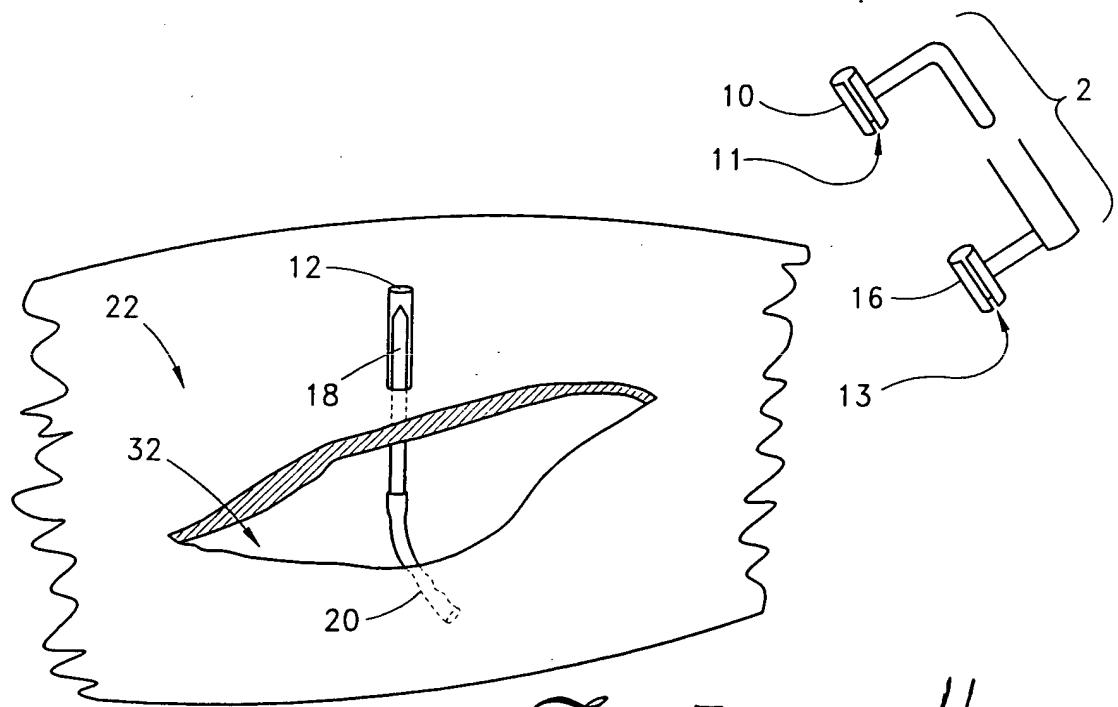


Fig. 4 safety guide
with trocar having penetrated skin



* peripheral of safety blade from patient

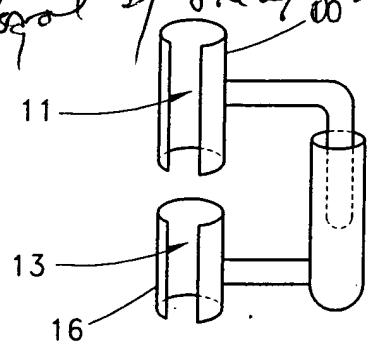
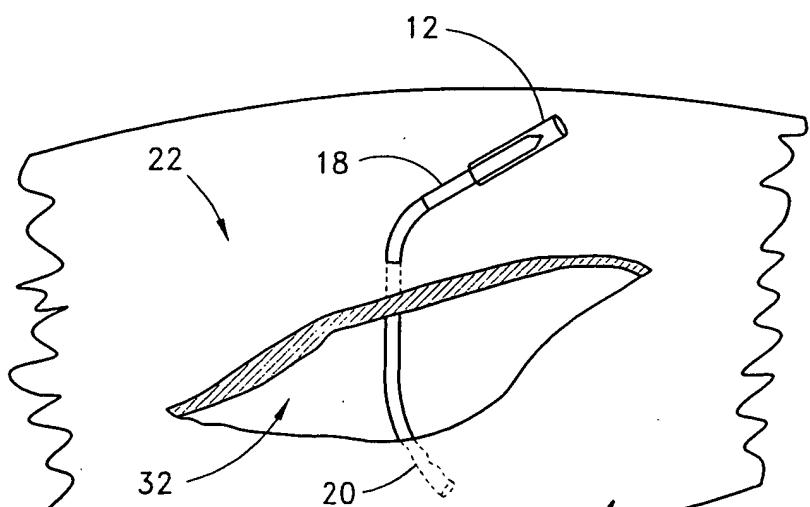
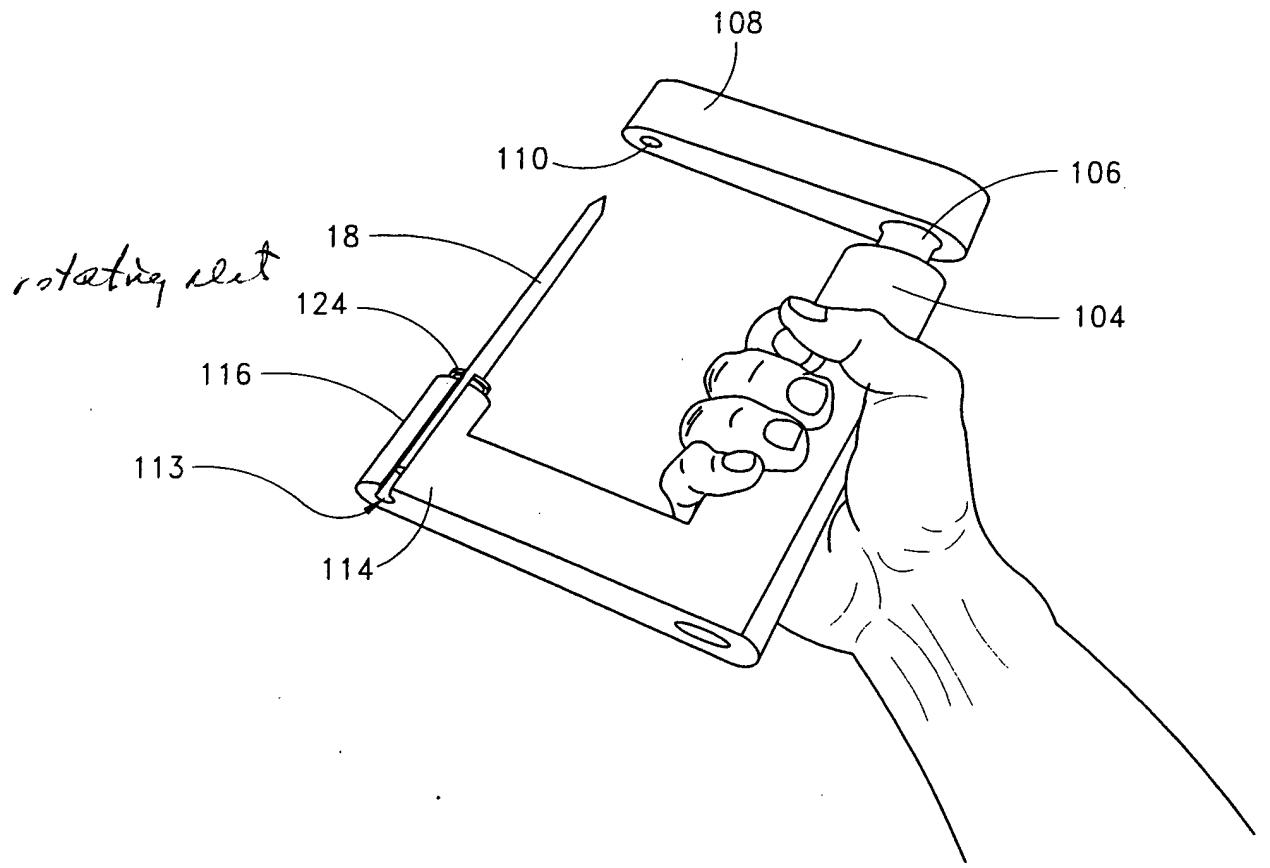


Fig. 5a safety guide with longitudinal guides



Trochar & drain being withdrawn from patient

Fig. 6



alternative embodiment of safety guide, with
Fig. 7

sheath held housed within top strut -

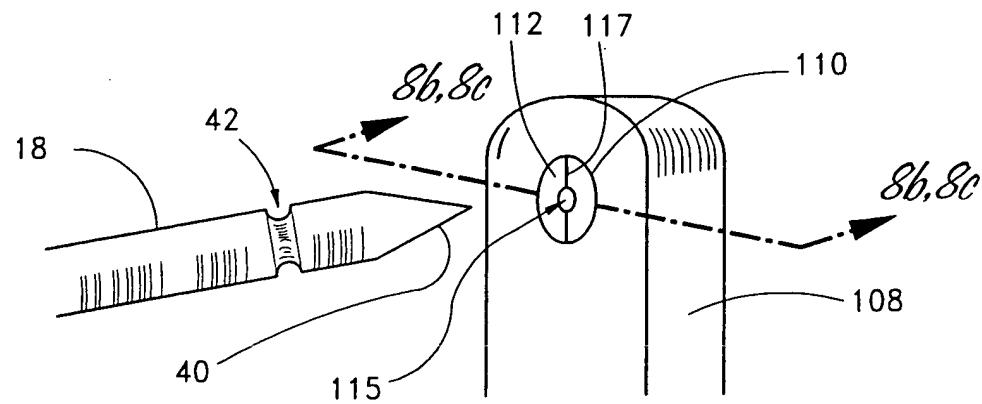


Fig. 8a
alternative embodiment of sheath holder

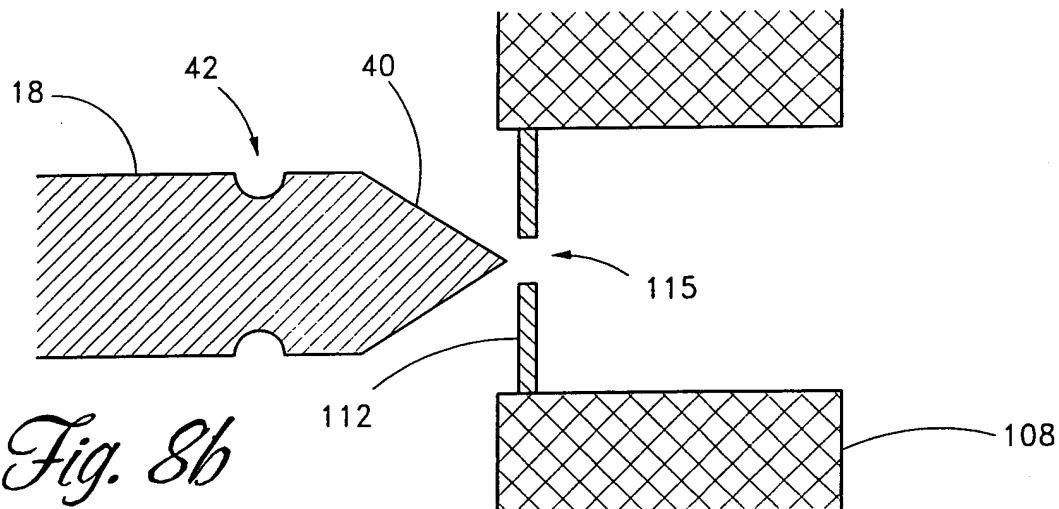


Fig. 8b

friction adhesion mechanism in safety guide

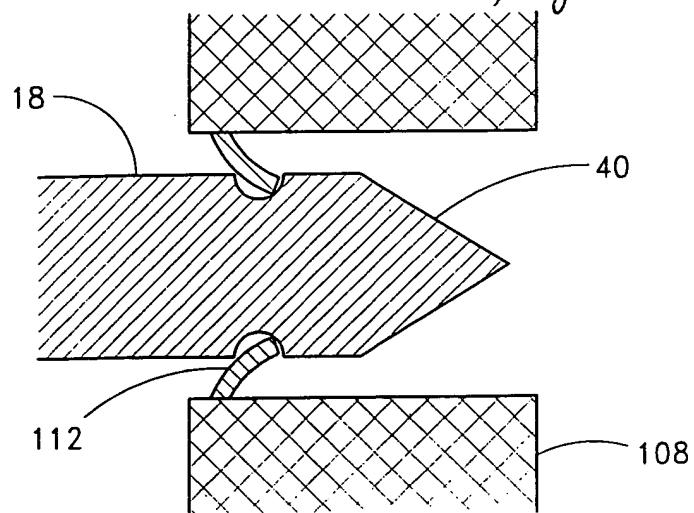
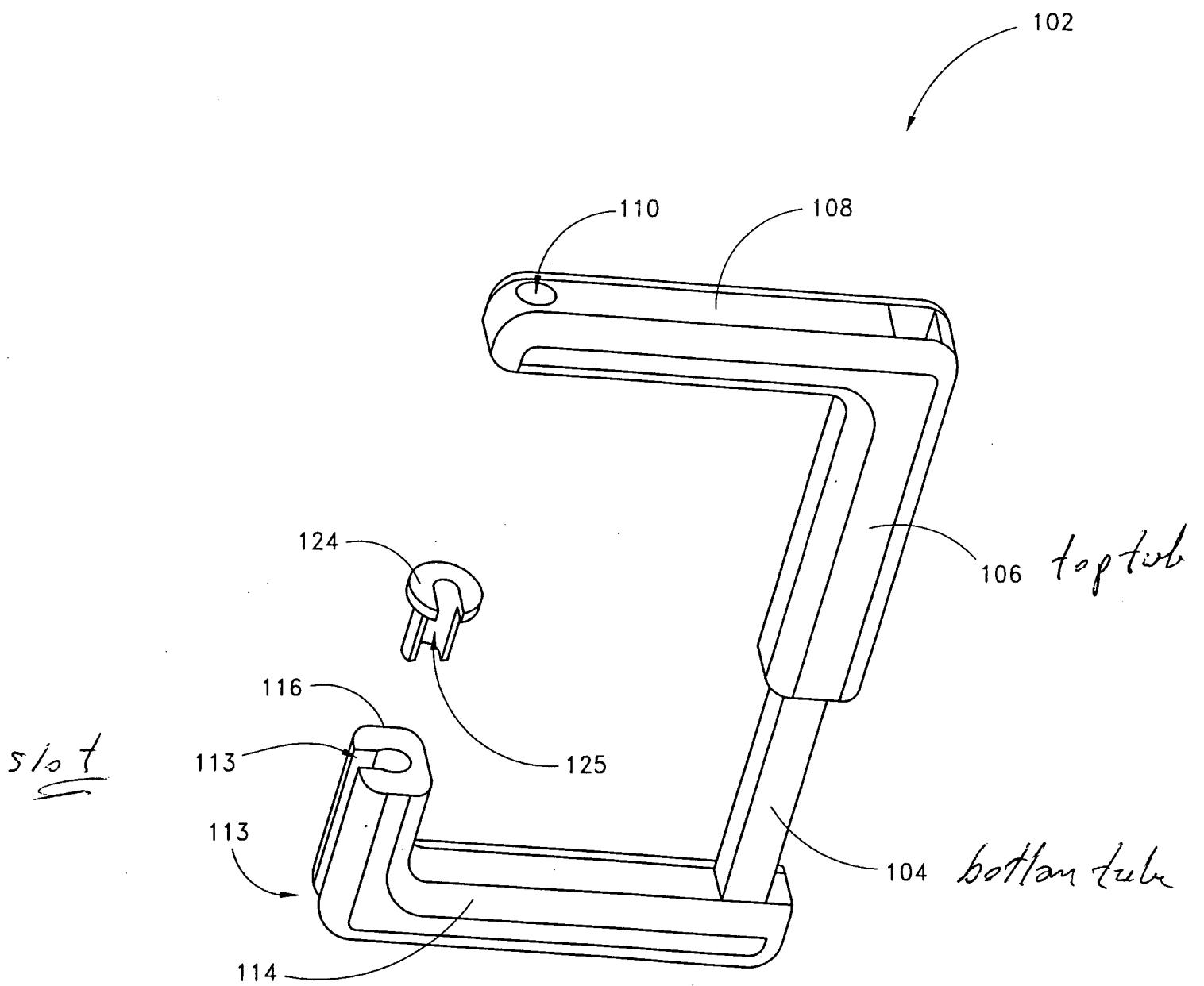
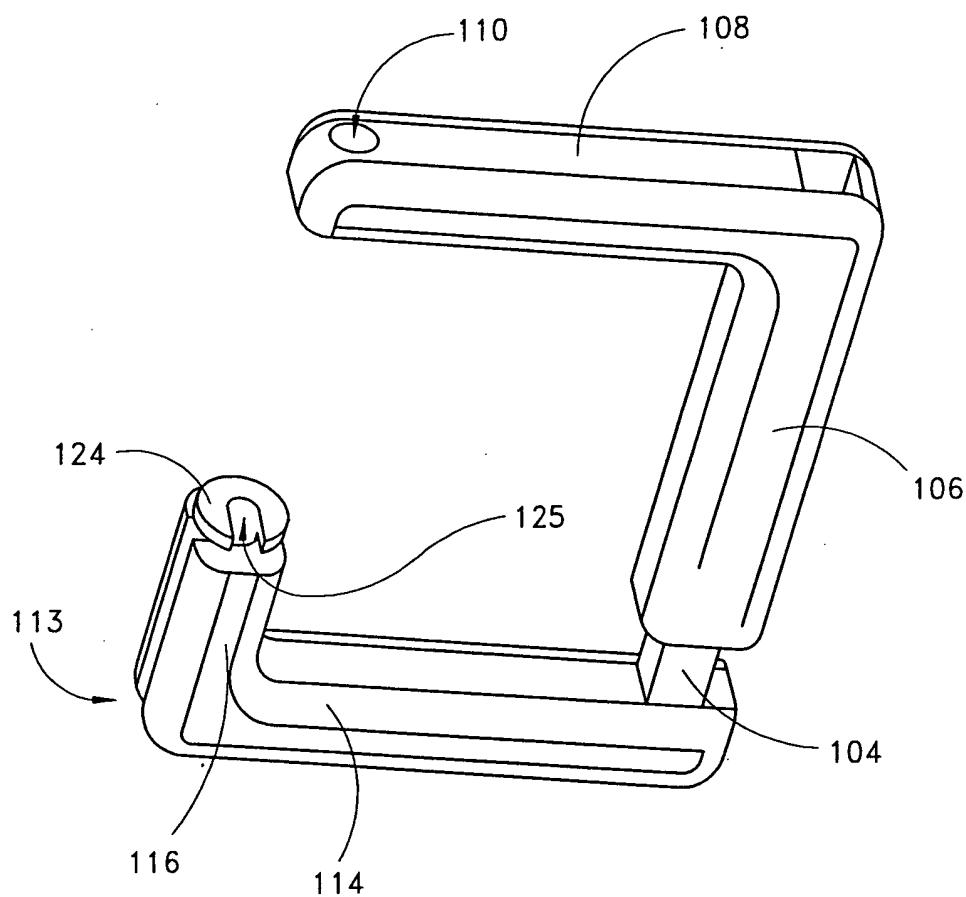


Fig. 8c



alternative embodiment
of soft guard with rotatable slot piece

Fig. 9



alternative embodiment of retractable clothespin

Fig. 10

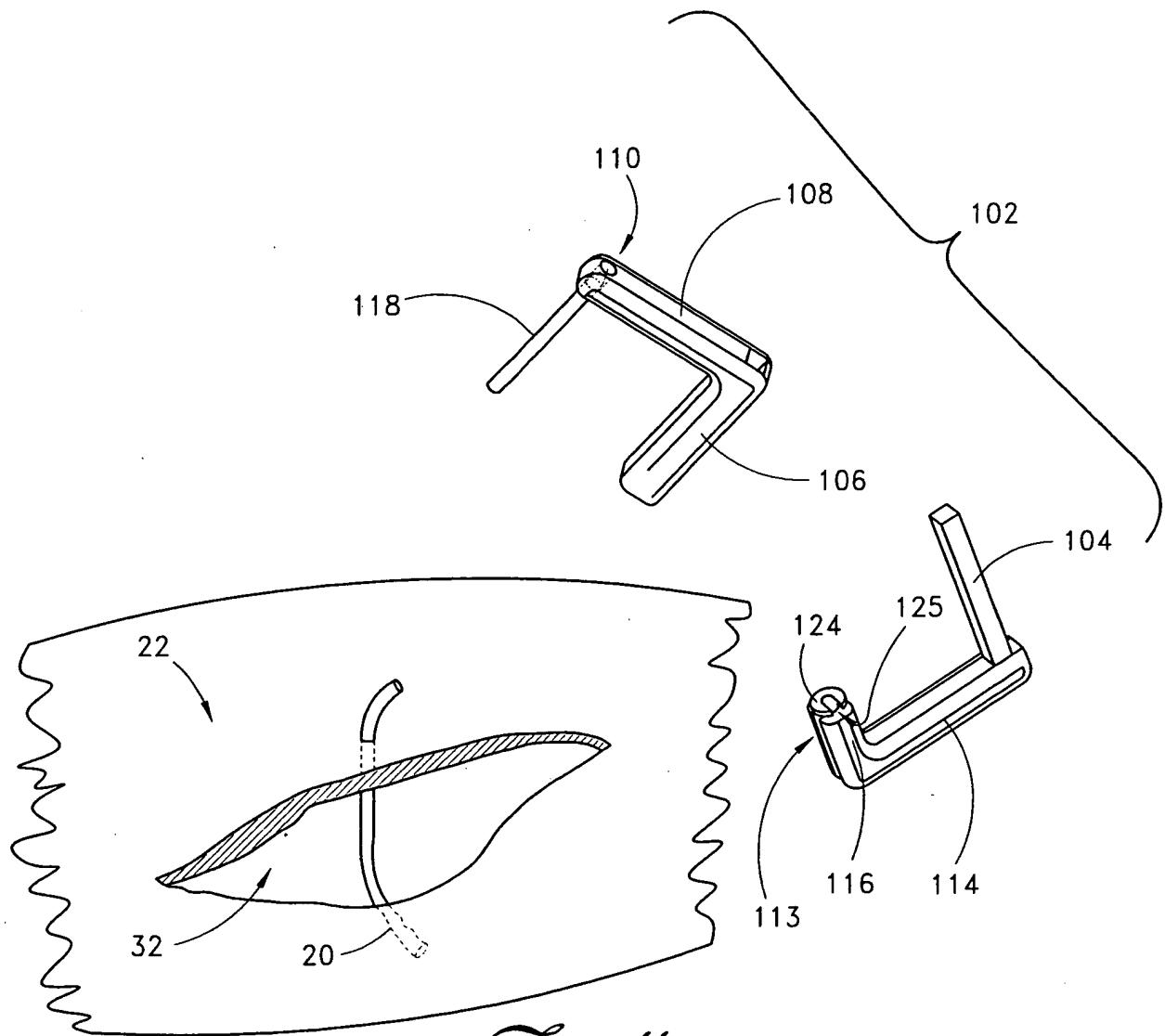


Fig. 11

alternating embankment of safety gate
being removed from patient

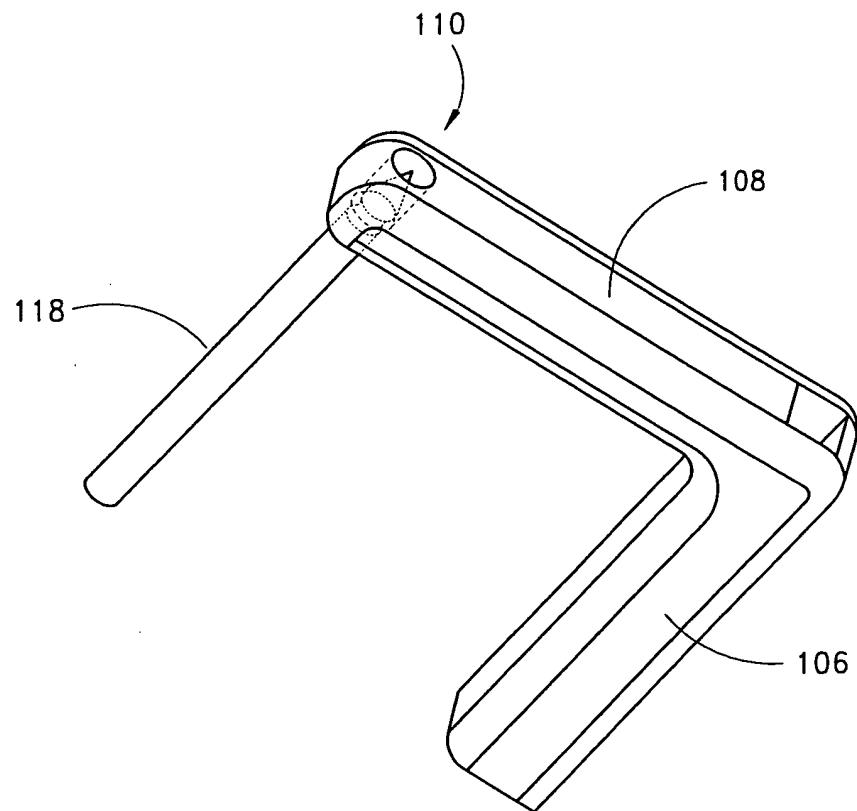


Fig. 12

such as a surgical trocar, introduced
and an alternative embodiment of the sheath
holder